



OIPE

**RAW SEQUENCE LISTING**  
**PATENT APPLICATION: US/09/687,609A**

DATE: 07/30/2003  
 TIME: 10:28:01

Input Set : A:\D0006 sequence listing.ST25.txt  
 Output Set: N:\CRF4\07302003\I687609A.raw

**RECEIVED**  
 AUG 25 2003  
 TECH CENTER 1600/2900

3 <110> APPLICANT: Weinmann, Roberto  
 4 Einspahr, Howard M.  
 5 Krystek, Stanley R.  
 6 Sack, John A.  
 7 Salvati, Mark E.  
 8 Tokarski, John S.  
 9 Attar, Riccardo M.  
 10 Wang, Chihuei  
 12 <120> TITLE OF INVENTION: CRYSTALLOGRAPHIC STRUCTURE OF THE ANDROGEN RECEPTOR LIGAND  
 13 BINDING DOMAIN  
 15 <130> FILE REFERENCE: BMS-0010  
 17 <140> CURRENT APPLICATION NUMBER: 09/687,609A  
 18 <141> CURRENT FILING DATE: 2000-10-13  
 20 <150> PRIOR APPLICATION NUMBER: 60/159,394  
 21 <151> PRIOR FILING DATE: 1999-10-14  
 23 <160> NUMBER OF SEQ ID NOS: 5  
 25 <170> SOFTWARE: PatentIn version 3.2  
 27 <210> SEQ ID NO: 1  
 28 <211> LENGTH: 260  
 29 <212> TYPE: PRT  
 30 <213> ORGANISM: Rattus sp.  
 32 <400> SEQUENCE: 1  
 34 Gly Ser His Met Ile Glu Gly Tyr Glu Cys Gln Pro Ile Phe Leu Asn  
 35 1 5 10 15  
 38 Val Leu Glu Ala Ile Glu Pro Gly Val Val Cys Ala Gly His Asp Asn  
 39 20 25 30  
 42 Asn Gln Pro Asp Ser Phe Ala Ala Leu Leu Ser Ser Leu Asn Glu Leu  
 43 35 40 45  
 46 Gly Glu Arg Gln Leu Val His Val Val Lys Trp Ala Lys Ala Leu Pro  
 47 50 55 60  
 50 Gly Phe Arg Asn Leu His Val Asp Asp Gln Met Ala Val Ile Gln Tyr  
 51 65 70 75 80  
 54 Ser Trp Met Gly Leu Met Val Phe Ala Met Gly Trp Arg Ser Phe Thr  
 55 85 90 95  
 58 Asn Val Asn Ser Arg Met Leu Tyr Phe Ala Pro Asp Leu Val Phe Asn  
 59 100 105 110  
 62 Glu Tyr Arg Met His Lys Ser Arg Met Tyr Ser Gln Cys Val Arg Met  
 63 115 120 125  
 66 Arg His Leu Ser Gln Glu Phe Gly Trp Leu Gln Ile Thr Pro Gln Glu  
 67 130 135 140  
 70 Phe Leu Cys Met Lys Ala Leu Leu Leu Phe Ser Ile Ile Pro Val Asp  
 71 145 150 155 160  
 74 Gly Leu Lys Asn Gln Lys Phe Phe Asp Glu Leu Arg Met Asn Tyr Ile

**ENTERED**

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75	165	170	175
78 Lys Glu Leu Asp Arg Ile Ile Ala Cys Lys Arg Lys Asn Pro Thr Ser			
79	180	185	190
82 Cys Ser Arg Arg Phe Tyr Gln Leu Thr Lys Leu Leu Asp Ser Val Gln			
83	195	200	205
86 Pro Ile Ala Arg Glu Leu His Gln Phe Thr Phe Asp Leu Leu Ile Lys			
87	210	215	220
90 Ser His Met Val Ser Val Asp Phe Pro Glu Met Met Ala Glu Ile Ile			
91 225	230	235	240
94 Ser Val Gln Val Pro Lys Ile Leu Ser Gly Lys Val Lys Pro Ile Tyr			
95	245	250	255
98 Phe His Thr Gln			
99	260		
102 <210> SEQ ID NO: 2			
103 <211> LENGTH: 255			
104 <212> TYPE: PRT			
105 <213> ORGANISM: Rattus sp.			
107 <400> SEQUENCE: 2			
109 Gly Gln Asp Ile Gln Leu Ile Pro Pro Leu Ile Asn Leu Leu Met Ser			
110 1	5	10	15
113 Ile Glu Pro Asp Val Ile Tyr Ala Gly His Asp Asn Thr Lys Pro Asp			
114	20	25	30
117 Thr Ser Ser Ser Leu Leu Thr Ser Leu Asn Gln Leu Gly Glu Arg Gln			
118	35	40	45
121 Leu Leu Ser Val Val Lys Trp Ser Lys Ser Leu Pro Gly Phe Arg Asn			
122	50	55	60
125 Leu His Ile Asp Asp Gln Ile Thr Leu Ile Gln Tyr Ser Trp Met Ser			
126 65	70	75	80
129 Leu Met Val Phe Gly Leu Gly Trp Arg Ser Tyr Lys His Val Ser Gly			
130	85	90	95
133 Gln Met Leu Tyr Phe Ala Pro Asp Leu Ile Leu Asn Glu Gln Arg Met			
134	100	105	110
137 Lys Glu Ser Ser Phe Tyr Ser Leu Cys Leu Thr Met Trp Gln Ile Pro			
138	115	120	125
141 Gln Glu Phe Val Lys Leu Gln Val Ser Gln Glu Glu Phe Leu Cys Met			
142	130	135	140
145 Lys Val Leu Leu Leu Leu Asn Thr Ile Pro Leu Glu Gly Leu Arg Ser			
146 145	150	155	160
149 Gln Thr Gln Phe Glu Glu Met Arg Ser Ser Tyr Ile Arg Glu Leu Ile			
150	165	170	175
153 Lys Ala Ile Gly Leu Arg Gln Lys Gly Val Val Ser Ser Gln Arg			
154	180	185	190
157 Phe Tyr Gln Leu Thr Lys Leu Leu Asp Asn Leu His Asp Leu Val Lys			
158	195	200	205
161 Gln Leu His Leu Tyr Cys Leu Asn Thr Phe Ile Gln Ser Arg Ala Leu			
162	210	215	220
165 Ser Val Glu Phe Pro Glu Met Met Ser Glu Val Ile Ala Ala Gln Leu			
166 225	230	235	240
169 Pro Lys Ile Leu Ala Gly Met Val Lys Pro Leu Leu Phe His Lys			

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170	245	250	255
173 <210> SEQ ID NO: 3			
174 <211> LENGTH: 36			
175 <212> TYPE: DNA			
176 <213> ORGANISM: Artificial			
178 <220> FEATURE:			
179 <223> OTHER INFORMATION: Synthetic			
181 <400> SEQUENCE: 3			
182 catatgattt aaggcttatga atgtcaacct atcttt			36
185 <210> SEQ ID NO: 4			
186 <211> LENGTH: 24			
187 <212> TYPE: DNA			
188 <213> ORGANISM: Artificial			
190 <220> FEATURE:			
191 <223> OTHER INFORMATION: Synthetic			
193 <400> SEQUENCE: 4			
194 tcactgtgtg tggaaataga tggg			24
197 <210> SEQ ID NO: 5			
198 <211> LENGTH: 4			
199 <212> TYPE: PRT			
200 <213> ORGANISM: Artificial			
202 <220> FEATURE:			
203 <223> OTHER INFORMATION: Synthetic			
205 <400> SEQUENCE: 5			
207 Gly Ser His Met			

RAW SEQUENCE LISTING ERROR SUMMARY                   DATE: 07/30/2003  
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Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,  
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:3,4,5

**VERIFICATION SUMMARY**

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